

UV SHM STD

FIG. IA

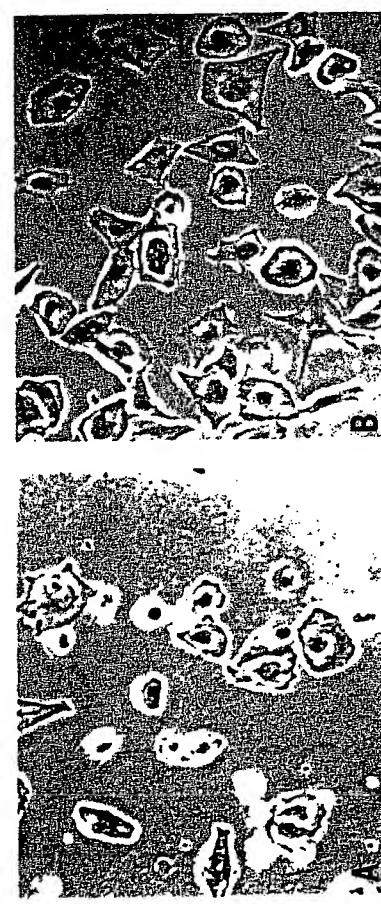


FIG. IB



FIG. IC



FIG. ID

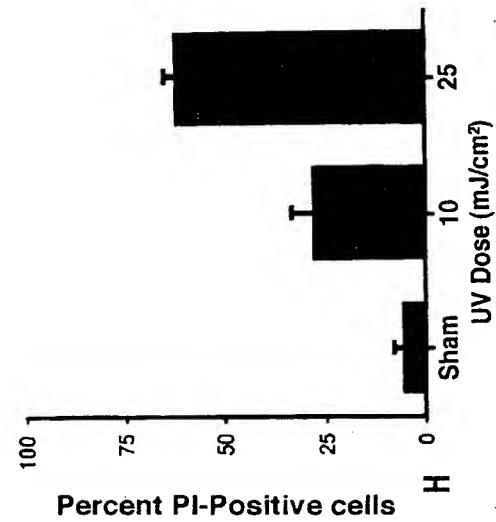
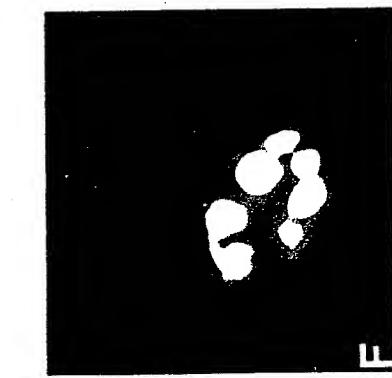
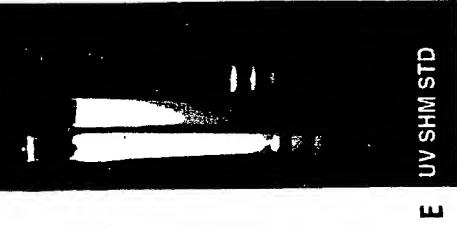
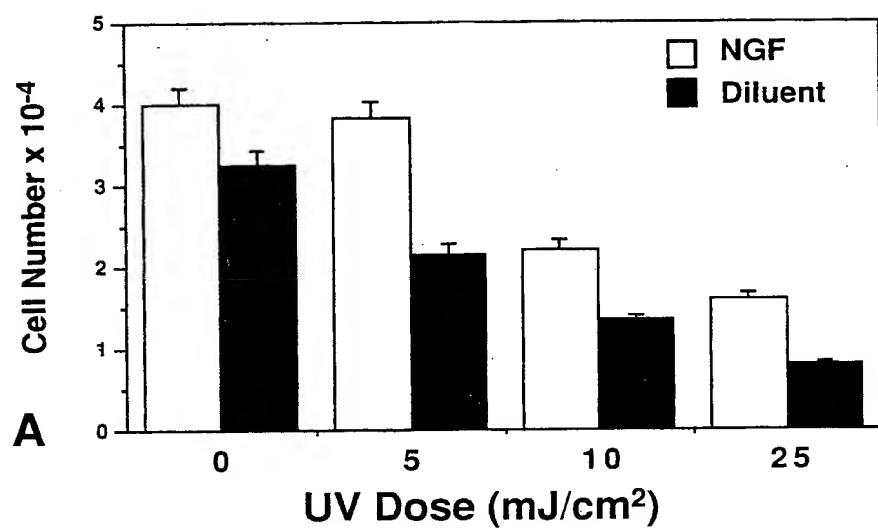


FIG. IE

FIG. IF

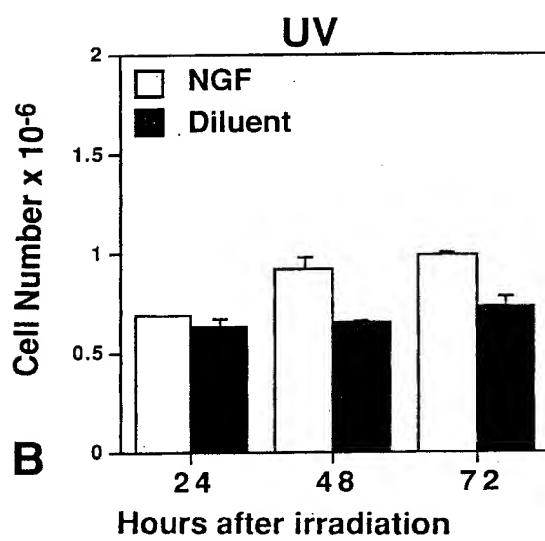
FIG. IH

FIG. 2A



A

UV Dose (mJ/cm<sup>2</sup>)

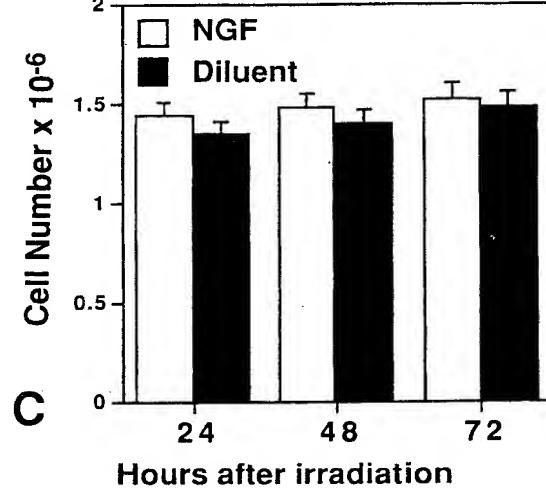


B

Hours after irradiation

UV

Sham

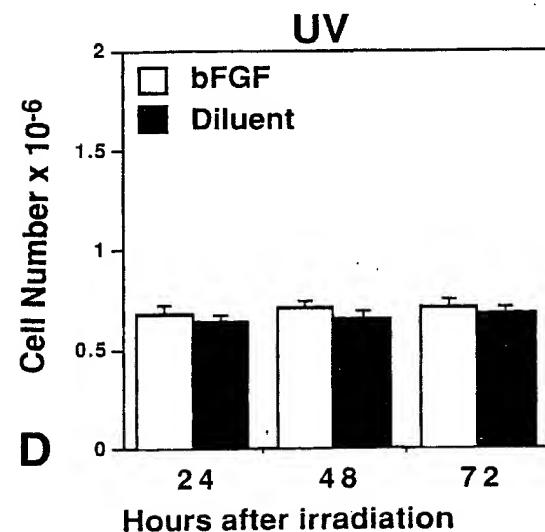


C

Hours after irradiation

FIG. 2B

FIG. 2C



D

Hours after irradiation

UV

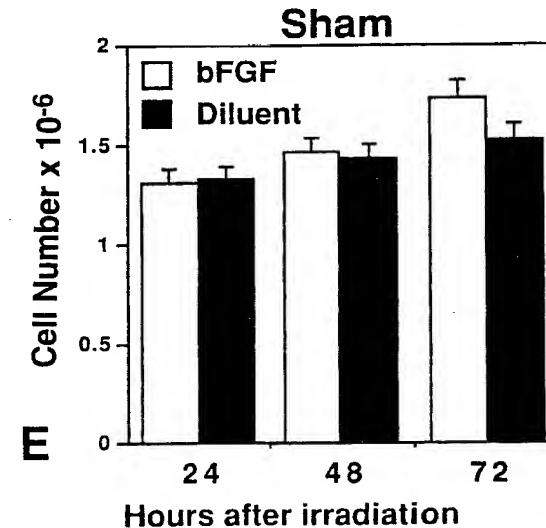


FIG. 2D

FIG. 2E

00 00 00 00 00 00 00 00 00 00

FIG. 2F

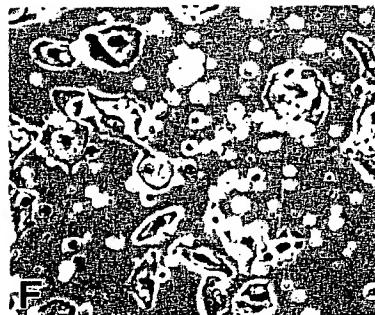


FIG. 2G

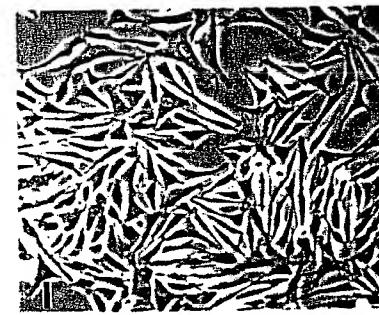
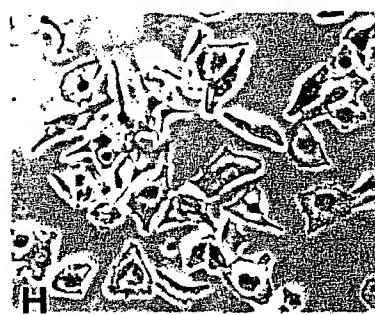
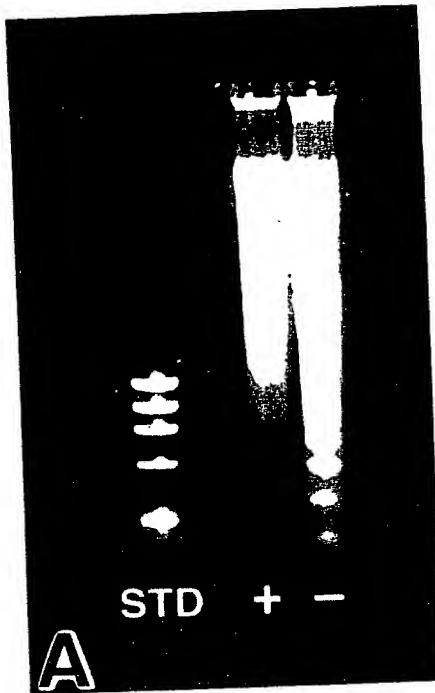


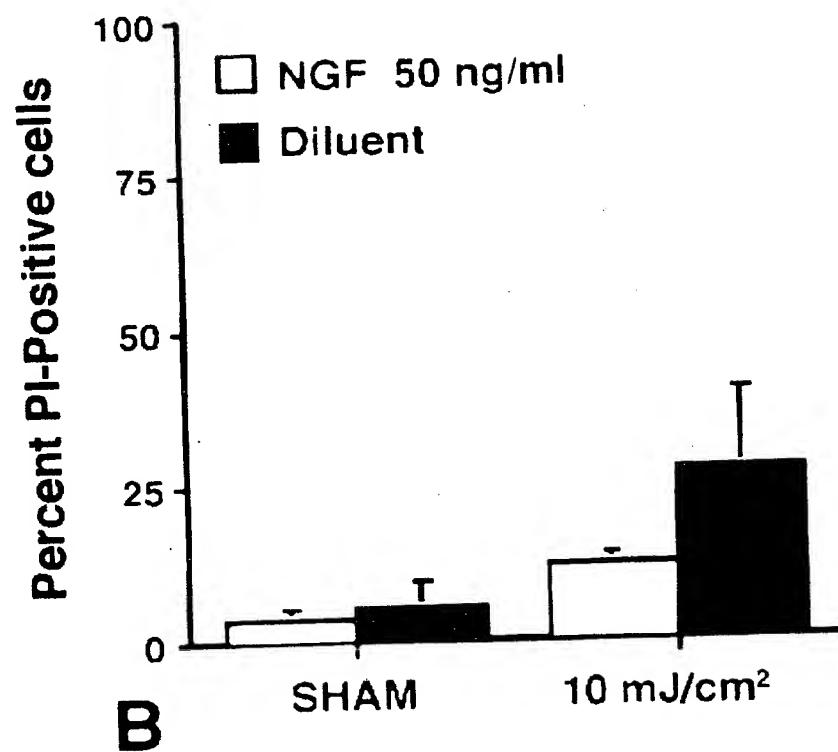
FIG. 2H

FIG. 2I



A

FIG. 3A



B

FIG. 3B

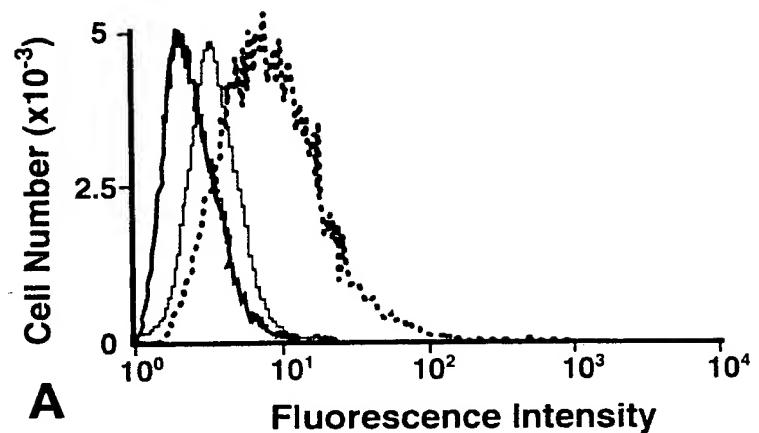


FIG. 4A

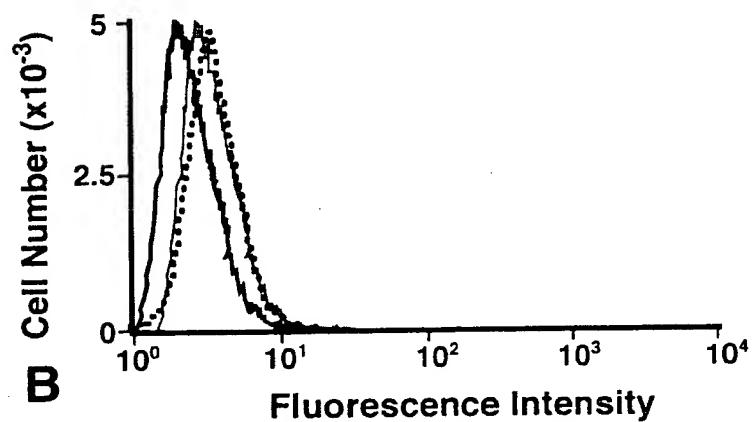
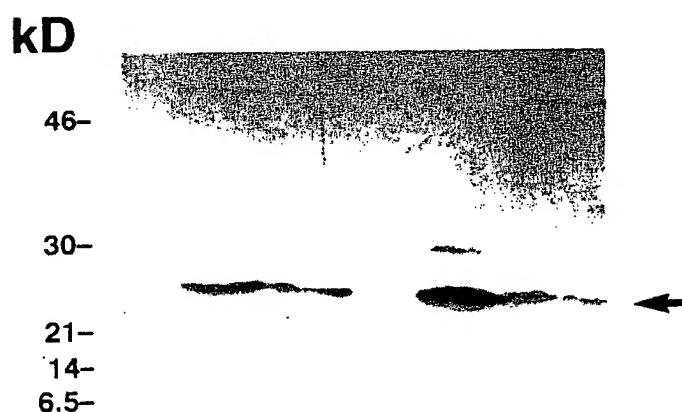


FIG. 4B



**C**

+	-	+	-
SHAM	$10\text{mJ/cm}^2$	SHAM	$10\text{mJ/cm}^2$

FIG. 4C

2000 0000 0000 0000 0000 0000 0000 0000



FIG. 5A

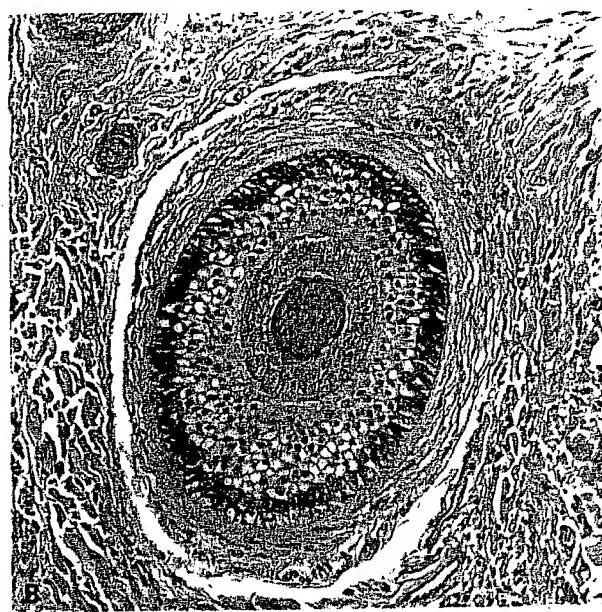


FIG. 5B



FIG. 5C



FIG. 5D

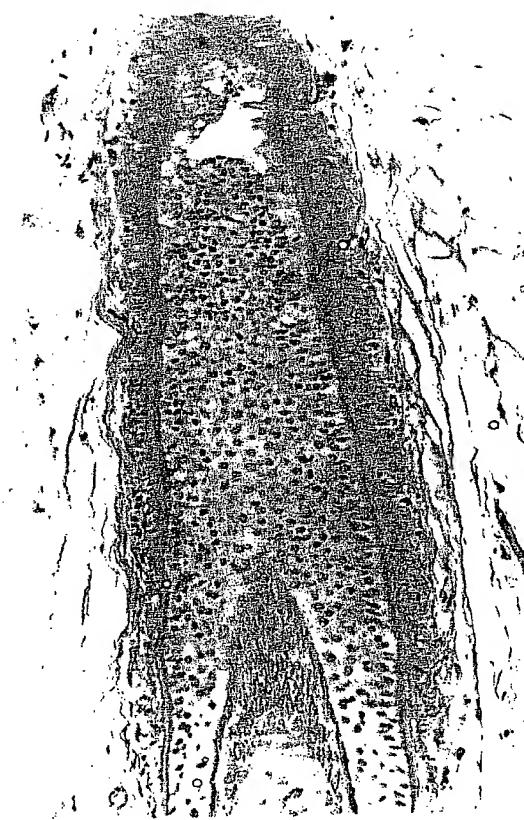


FIG. 5E

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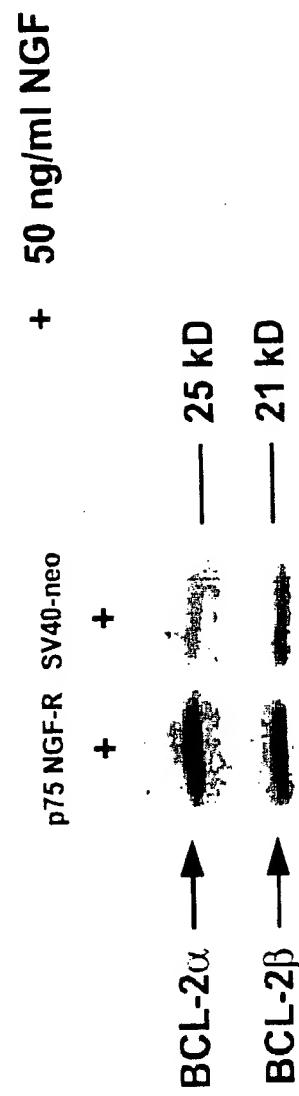


FIG. 6

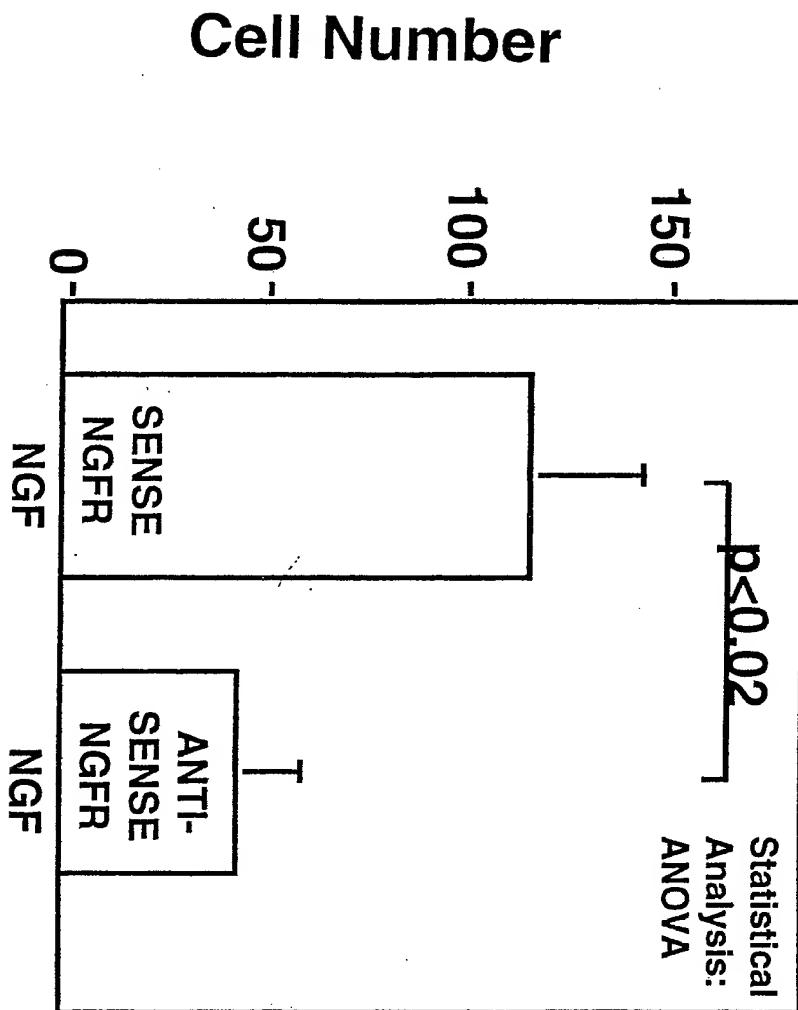


Figure 7

NGF NGF DILUENT DILUENT  
NON ANTI NON ANTI

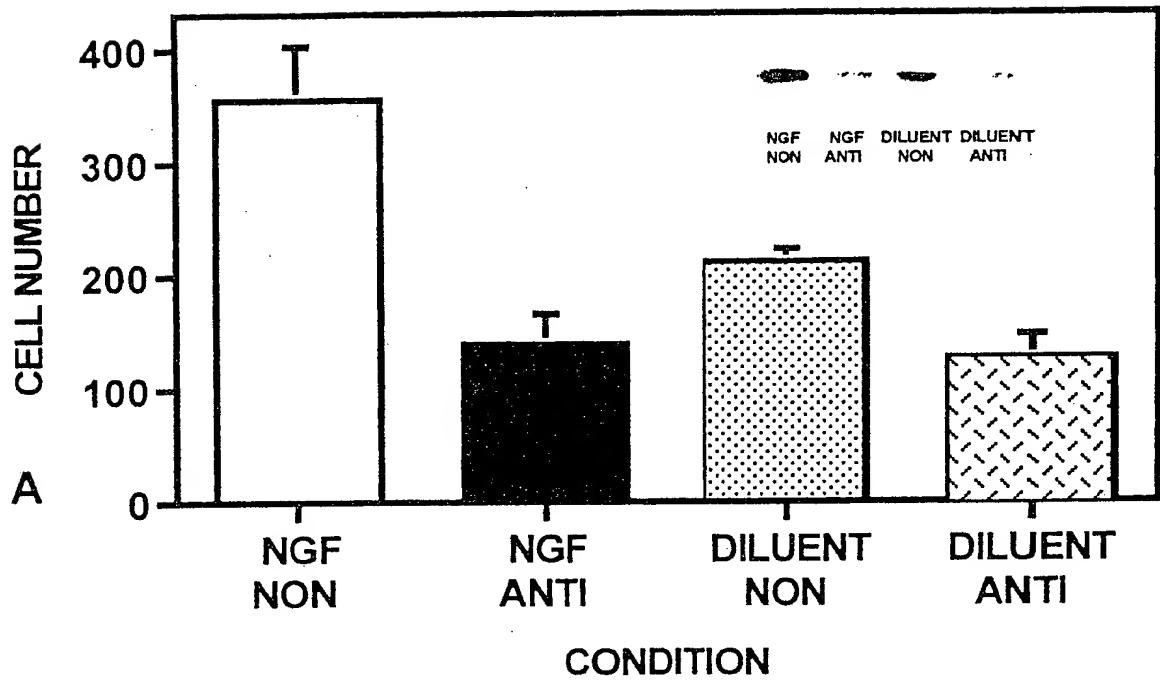
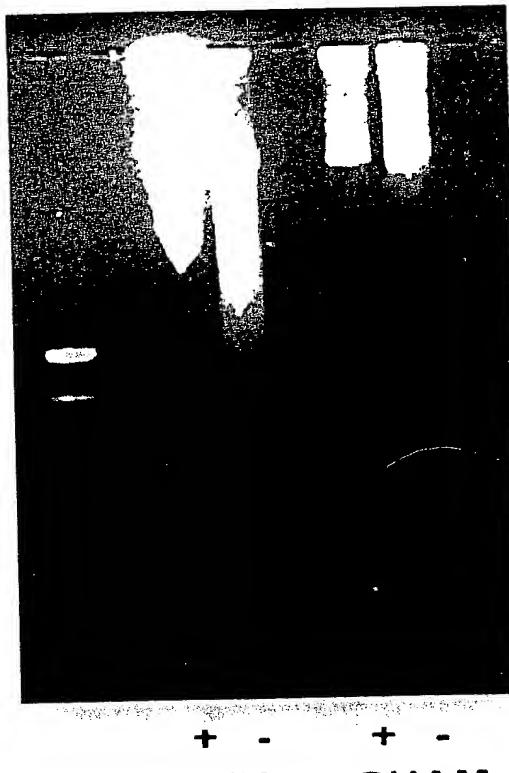


FIG. 8

0.006 0.005 0.004 0.003 0.002 0.001



+ NGF 50 ng/ml  
- Diluent

+ - + -  
STD UV SHAM

FIG. 9A

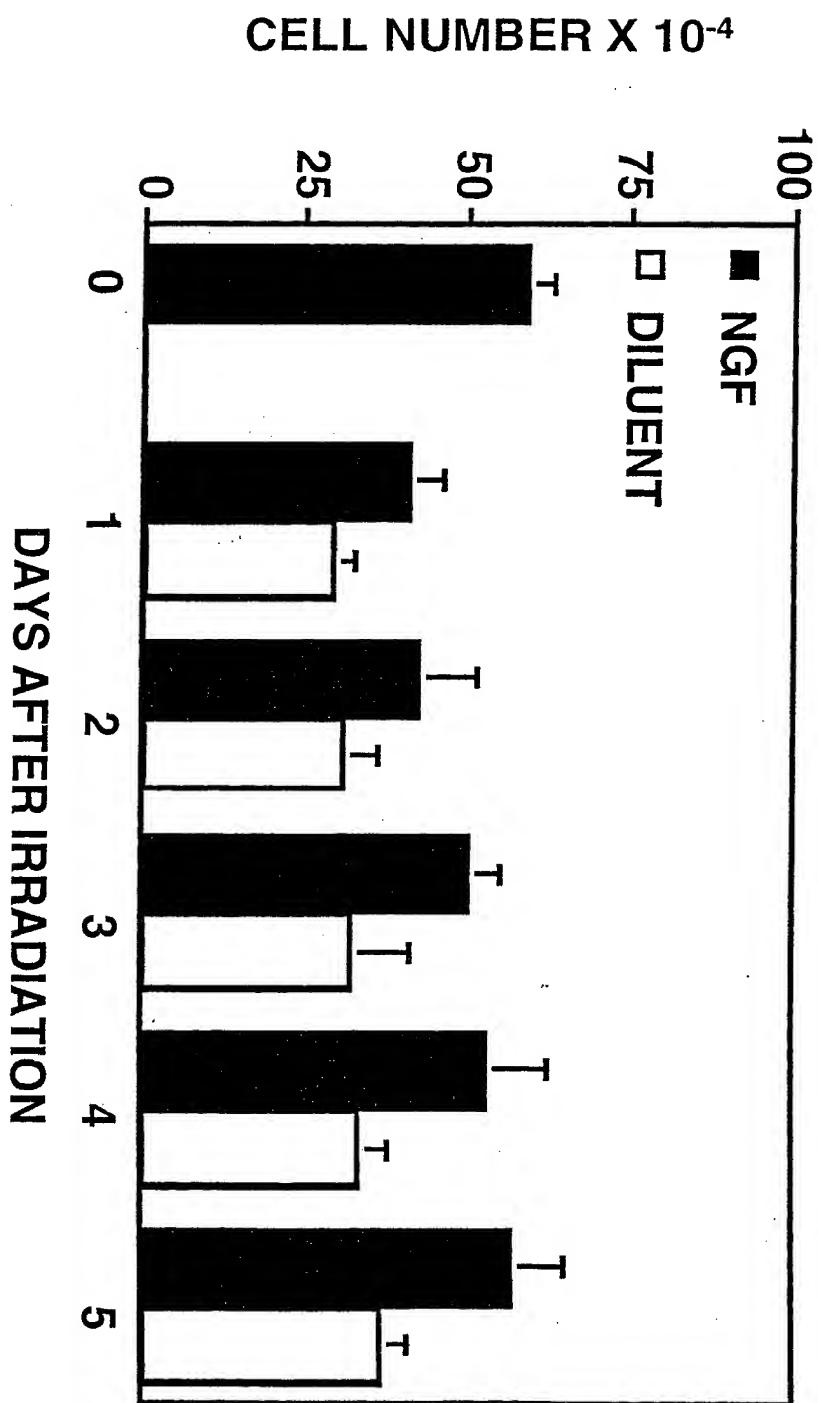


Figure 9B

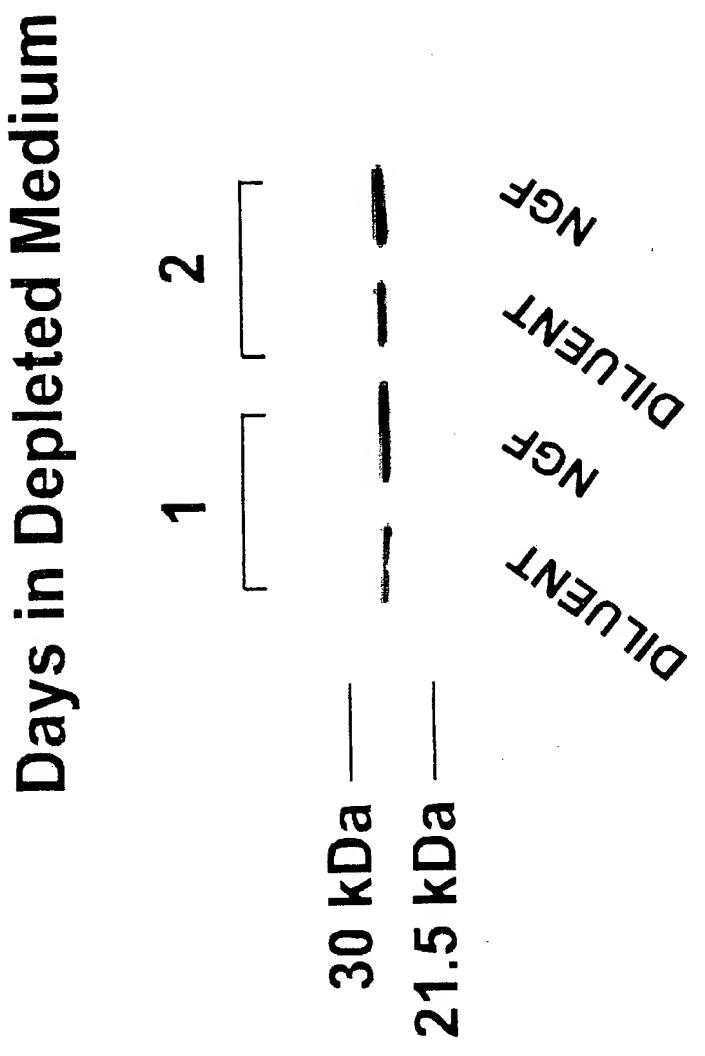


FIG. 10

$\beta$ -amyloid binds p75<sup>NTR</sup> through amino acids KGAI (28-31)

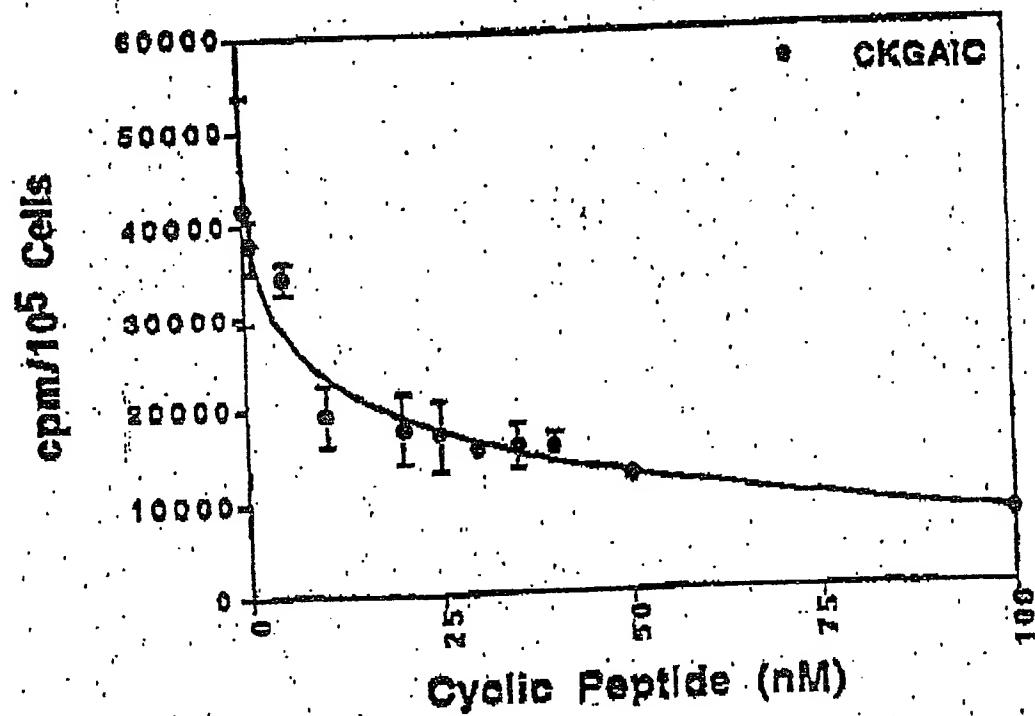


Fig. 11

Fig. 12.

A

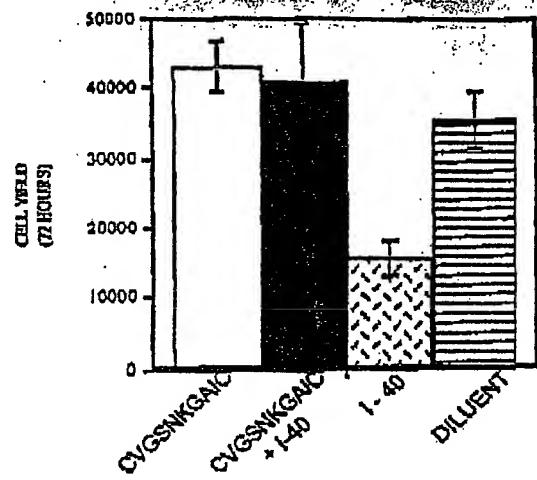


Fig. 12.

B

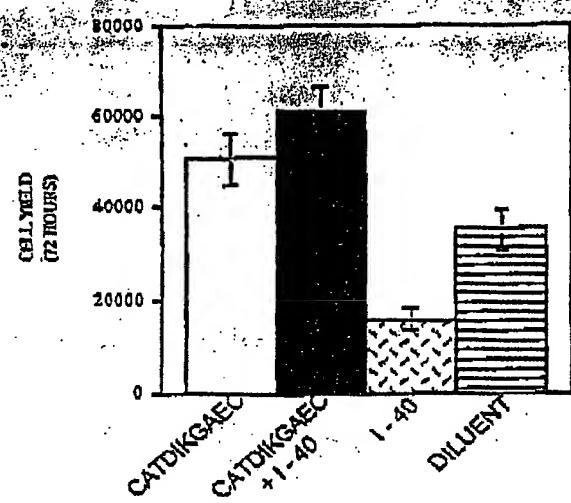
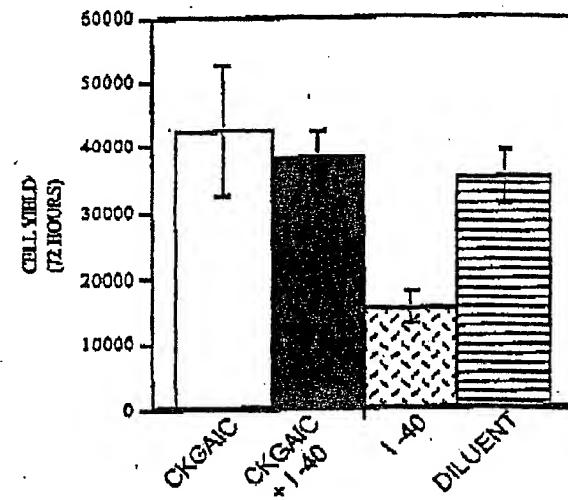


Fig. 12.

C



Cyclic peptides containing the amino acids KGA in a turn ( $\beta$  loop) orientation protect p75<sup>NTR</sup> NIH-3T3 cells from A $\beta$  induced cell death

The cyclic peptide CATDIKGAEC decreases  $\beta$  amyloid mediated *c-Jun* transcription

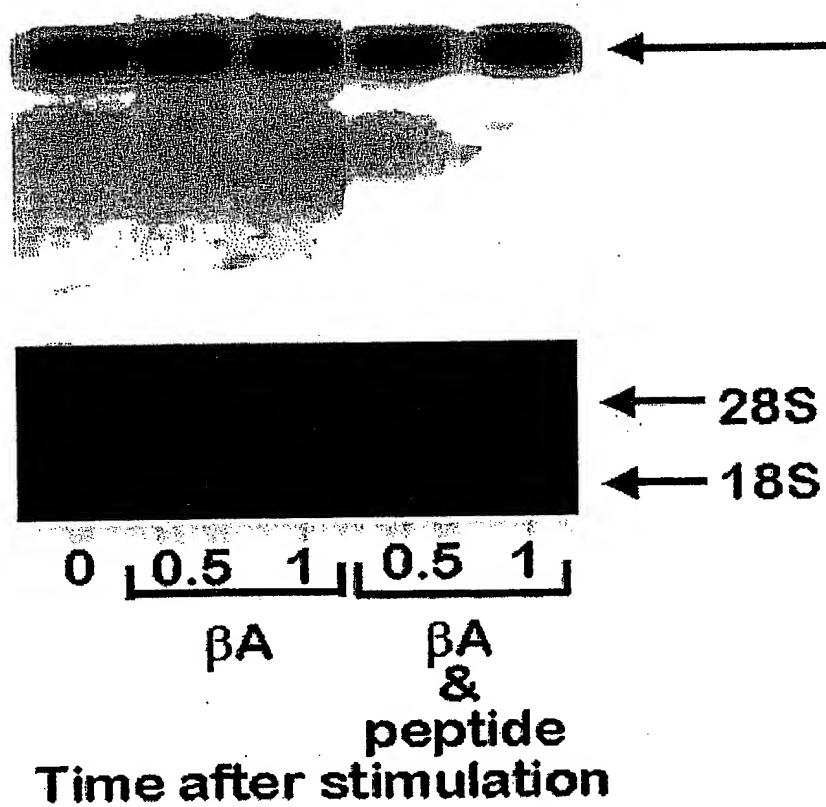


Fig. 13